



**IN THE U.S. PATENT AND TRADEMARK OFFICE**

U.S. Appl. No.: 10/522,377 Confirmation No.: 7987  
Title: SYSTEM AND METHOD FOR SOLUTION BASED  
MULTIPARAMETER ANALYSIS OF ANALYTES  
Inventor(s): Caroline Garey, et al.  
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Art Unit: 1641  
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Docket No.: P08555US00/BAS  
Customer No.: 000881

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY PURSUANT TO 37 CFR § 1.111**

Sir:

This Reply is being filed in response to the Office Action dated October 16, 2007.

Please consider the amendments and responsive remarks provided herewith.

- **Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.
- **Remarks** begin on page 6 of this paper.